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Duckham's
DELPHINIUMS
and other
RARE
HARDY
PLANTS

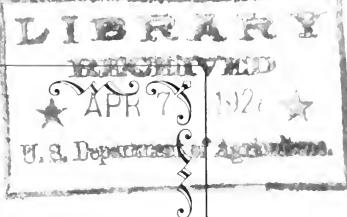
also HARDY ROSES



COLD MEDAL
NEW YORK
1927

William C. Duckham
MADISON, N. J.





Duckham's

DELPHINIUMS

and other choice stocks of

HARDY PLANTS

also

HARDY GARDEN

ROSES



WILLIAM C. DUCKHAM
Madison, New Jersey



One of my Hardy Borders in the center aisle, N. Y. International Exhibition, March 1927. Delphiniums were the chief feature, but the delighted patrons of the show, marvelled at the excellence of the entire stock, forced into bloom for this great occasion. This exhibit was unanimously awarded a special Gold Medal. (see page 16.)

IT HAS been my privilege and great good fortune to secure the exclusive American distribution of a few extra choice types of Hardy Flowers, from some of my European friends whom I had the pleasure of meeting on my periodical visits over there.

Delphiniums of course are my specialty. (see pp. 15 to 18.)

Some remarkably fine *Aquilegias* (*Columbines*) have come into my possession, and I venture to say that nothing heretofore offered can compare with the exquisitely odd colors found among these hybrids, all of which are the true English, long spurred types with huge flowers.

My hybrid *Gaillardias* offered further on, should command your special attention. These are very large with petals of great substance, closely set and brilliantly pigmented with red and brown,—a remarkable contrast with the golden yellow tips.

Again I offer some choice *Perennial Lupines* (*Polyphyllus*). These have been warmly acclaimed by the English Hort. Soc. and suitably granted awards in recognition of their superb size and extraordinary colors.

The *Scabiosa Hybrids* should also meet with favorable consideration by the reader, and I feel sure that much pleasure will be derived by those who choose to give them a trial.

All the other Hardy Plants in my list are of high standard, secured from sources of National repute—and the liberal field clumps which I send out will undoubtedly give immediate and prolific flower production to the general satisfaction of the buyer.





Another of My Exhibits at New York Show, Spring, 1927.

Arranging and Planting the Hardy Flower Border

Every group or border of Perennial plants should be planted according to some prearranged scheme and with a definite object in view. A rough plan should always be made and the different varieties located in their proper places, keeping in mind the height and color of each. It is desirable to place hardy borders where a background of dwarf trees or shrubs aids in setting off the beauty of the flowering plants.

If such is not available, a vine covered fence or wall answers very well, though a special planting of dwarf evergreens and flowering shrubs is comparatively inexpensive, easily accomplished and will amply repay for the little extra trouble involved.

Preparing the Ground.—The ground should be spaded over to a depth of from eight to ten inches—if virgin soil, turn the sods under where they will rot and form a good fibrous loamy foundation for the border. Spread well-rotted manure over the bed after the first spading, and mix it thoroughly through the top 4 or 5 inches. Slaked lime is a valuable aid to the development of young roots on the growing plants and helps to purify the soil.

Planting.—A scoop trowel is the most practical tool to use. Lay the plants in their respective positions according to your prearranged plan—keep the taller growing varieties to the rear of the border, selecting varieties of lower stature as you proceed to the front. The distances apart depends upon the height.

Color and height must always be considered and careful thought given to contrasts and harmonious blending, thus avoiding later lifting and regrouping. Every perennial border should receive a light covering of dry litter, such as grass clippings, leaves, or strawy manure after the first severe frost has nipped everything down in the late Autumn. A light covering of rotten manure previously laid over and around the plants is also desirable; this can be turned under with a fork in the Spring.





A Few Selected Strains of HARDY PERENNIALS from Imported Stocks

Duckham's Improved Long-spurred Aquilegias

With their odd shapes and delightful shadings, Aquilegias (Columbines) are among the best of all Hardy Garden Plants. They thrive in almost any location, but prefer a partial shady and moist position. The kinds offered in this strain are perhaps the best and most beautiful in existence, having very long spurs and most charming delicate colors, including **Pink**, **Blue** and **Lavender**, **Red**, **Cream** and **White**, that are decidedly new and interesting.

Price, each 50 cents; 3 for \$1.25; per dozen \$4.50

Indianapolis, Ind., Aug. 8, 1927.

"Last Fall, I purchased several of your named varieties of delphiniums, and I wish to tell you that I derived much pleasure from them. All have now given me several beautiful blooms."



Gaillardia

(Blanket Flower) 2 ft. June-Oct.

Duckham's New Hybrids

The Gaillardias are among the most successful of hardy perennials and give a most striking effect when planted in bold groups or in a bed by themselves. They are equally effective, however, in mixed borders. They seem to thrive in the most extreme drought and the greater scarcity of other flowers the more the utility of this hardy perennial is demonstrated. They will bloom perpetually from June to November and provide quantities of cut flowers which when kept in a cool room will last over a week. The following list of varieties has been selected as the best, the colors ranging from burnt orange, brick red, scarlet to deep crimson, with yellow margins.

each 50c; 3 for \$1.25; doz. \$4.50



Gaillardia, New Hybrids



Duckham's New Pyrethrums

Pyrethrum

(Painted or Persian Daisy)

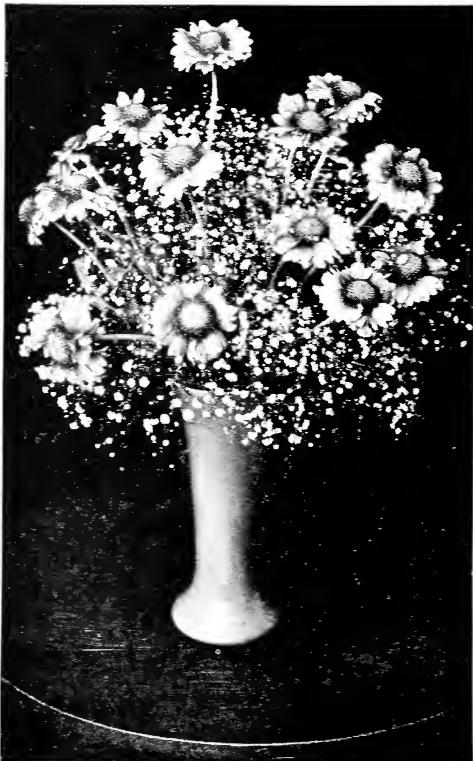
2-3 ft. May-September

For profusion of flowers in season nothing can surpass the charming variety of the Pyrethrums. They are easily and simply cultivated and are recommended to all who possess an old-fashioned garden, whether large or small. They are perfectly hardy, are not injured by storm or sun. The flowers are bright and showy in the garden and are borne on long stiff stems which make them most desirable for vase decoration. They are very well named "Spring Chrysanthemum" and are often called "Poor Man's Chrysanthemums." The mixed varieties I offer are especially rich in the charming pink shades.

each 40c; per doz. \$3.75

Lyons, N. Y., Sept. 15, 1927.

"The five New and Rare named Delphiniums have bloomed and have been exquisite; have made good, strong plants, and have in fact, bloomed twice."



New Gypsophila Bristol Fairy

Delicate and charming in the mist-like profusion of its snow-white flowers, it is not only effective as a garden subject, but its cut sprays are also particularly useful for blending with other garden flowers. Commencing to flower fully ten days before the older double kind—late June here—the small side sprays combine daintily with sweet peas, then at their best, and the larger sprays add charm to any combination of cut-flowers.

Its value as a cut-flower is further enhanced because the sprays, if allowed to dry, retain their grace and clean color, and can be used effectively with everlasting flowers.

Briefly described, Bristol Fairy has all the virtues of the well-known Double Baby's Breath (*Gypsophila paniculata flore-pleno*) but it is superior in these respects: Its flowers are almost three times larger, are pure snow-white under all conditions, and being more widely spaced, are better poised and more graceful in every way. Its growth is more vigorous and sturdy, attaining a height of 4 feet, with a spread fully as broad.

Best of all, after the first flowers are cut, it flowers periodically until severe frost, so that cut sprays are always available and the plant is attractive throughout the season.

Owing to its robust character, Bristol Fairy may be planted singly in the hardy border, or interspersed in groups of three or more. As a foreground for shrub or evergreen groupings, it is splendidly effective and should be spaced not less than 2 feet apart. If planted in the service garden for cutting purposes, allow a space of $2\frac{1}{2}$ feet in the row, and 4 feet between rows. **Strong field-grown plants, \$1.50 each; \$15 per doz. Extra-heavy plants, \$2 each; \$20 per doz.**

South Orange, N. J., May 20, 1927.

"The delphiniums I bought from you did beautifully. I hope to purchase some more of these glorious plants later on."

Lupinus Polyphyllus

(Hardy Lupine) 3-4 ft. June-September

A New Range of Colors

The hardy perennial varieties of *Lupinus* are extremely handsome and stately, bearing their beautiful flowers of rose, white, blue and lavender in graceful spikes that are more than a foot in length.

They are certainly among the most striking of hardy perennials, and bloom continuously and profusely during the summer. They grow very compactly, for which reason they are excellent for grouping or massing in separate colors, and they suit themselves to almost any position in the border, making a good cut flower of easy culture, requiring ordinary moist soil.

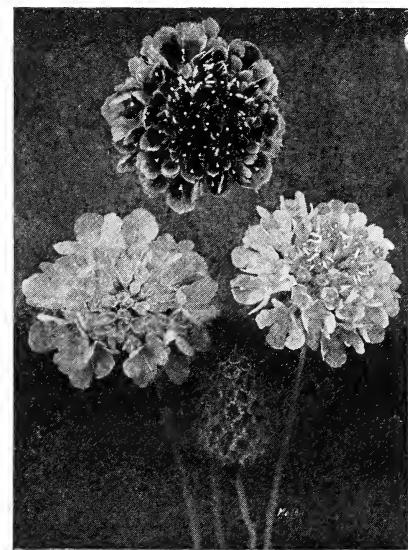
I believe that those who love this valuable flower will be delighted with the new shades that are included in my hybrids. The spikes, too, are much larger than found in ordinary *Lupinus Polyphyllus*.

Mixed Hybrids

Price, each 50c; per dozen \$4.50



Duckham's New Lupines



Duckham's New Scabiosa

Scabiosa Caucasia

(Blue Bonnett or Pin Cushion Flower)
2 ft. June to September.

Duckham's New Hybrids

A decided improvement on the old *Scabiosa* both in form and color, all lavender and blue, somewhat of the shade of that extremely popular annual *Didiscus coerulea* (Blue lace flower); all those who are familiar with the latter will surely want my new *Scabiosa*. The assortment also contains a liberal proportion of rich blue and white shades.

Price, each 75c; 3 for \$1.50;
per dozen, \$5.50

Detroit, Mich., Mar. 10, 1927.

"Last year I purchased from you, some *Delphinium* plants, and they were wonderful."



Duckham's Delphiniums Exclusively

—were used (with other plants) in these magnificent borders to a winding grass pathway, leading to the residence of a well known Long Island Estate (Name omitted by request.)

GENERAL LIST OF HARDY PLANTS

Achillea Ptarmica

"The Pearl" (Millfoil or Yarrow)
2 ft. June-September.

Indispensable in every border both for their graceful appearance and usefulness for indoor decoration. Flowers are pure white and literally smother the foliage in their great profusion.

Price, each 35c; dozen \$3.50

Aconitum Fischeri

(Monkshood)

A very attractive, erect, hardy perennial, with odd-shaped blue and white flowers in autumn. Not unlike the Delphiniums in general effect, but of course not nearly so large. Particularly good in shady borders.

Price, each 40c; dozen \$4.00

Allwoodi

(Everblooming Hardy Pinks)

This new race of the Dianthus family flowers perpetually during the entire spring, summer, and autumn. No plant is harder or of easier cultivation, and their free-flowering qualities have rendered them exceedingly popular. They range through many shades of light, medium, and dark pink, and crimson, and all are deliciously fragrant.

Mixed, 35c each; \$3.50 per doz.

Alyssum (Madwort)

1 ft. May, June

Pretty little plants for beds, vases, baskets, edgings, or rockwork, blooming profusely like a sheet of gold. Useful also for winter flowering in pots. Very sweetly scented.

Price, each 25c; dozen \$2.50

"Last year I sent you an order for Delphiniums. I was so much pleased with the stock you sent me that I want to place an order again this Fall for some additional plants."

Salt Lake City, Utah, Sept. 24, 1927.

Anchusa Italica

4 to 5 ft. May-July

Dropmore Variety—A large spreading bushy plant, requiring plenty of room to develop its great beauty. This variety is a great acquisition and improvement on the old type and of extremely vigorous constitution. Its flowers are of deepest blue, borne in immense sprays. Price, each 30c; 3 for 65c

Anthemis Tinctoria

1½ to 2 ft. June to September

Better known as the hardy Marguerite. Thrives in almost any soil without much attention. Deep golden yellow, daisy-like flowers; ideal for decorative purposes. Price, each 35c; 3 for 80c; dozen \$3.00

Arabis Alpina

(Rock Cress) 6 in. March-June

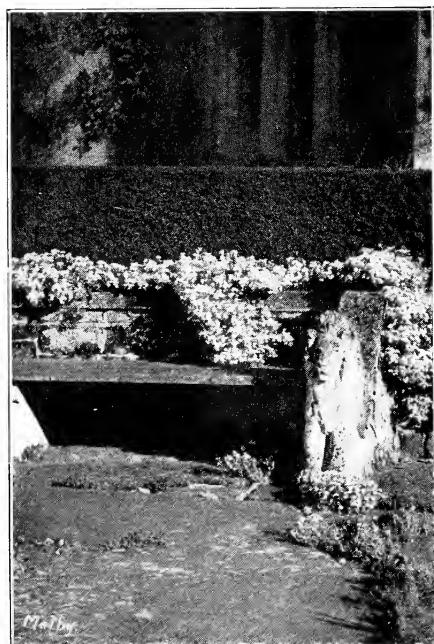
An excellent dwarf plant for rockwork, borders or carpeting where massed color effect is desired, covered during its blossoming season with myriads of snow-white flowers. Price, each 25c; 3 for 65c; dozen \$2.50

Hardy Asters (Michaelmas Daisies)

2 to 3 ft. September-October

The many species, widely distinct from each other in habit and form, are with a few exceptions, all native of North America. It is in Europe, however, that our Asters have been most highly appreciated. Many improvements have been made by European growers, and many hybrid forms have been produced by crossing the different species.

Three shades: Pink, Blue or White; each 50c; 3 for \$1.25; doz. \$4.50



Arabis Alpina, on garden wall

Boltonia

4 to 6 ft. July to October

Latisquama—A fine plant for borders or shrubberies, requires plenty of room for full development. Flowers resemble large white daisies or single asters and are borne in great profusion, lasting a long time both on the plant or in water. Worthy of liberal planting. Price, each 45c; 3 for \$1.00; doz. \$3.50.

Bellis perennis

(Hardy English Daisy)

4 to 8 in. April to June

An ideal plant for borders, but most effective when massed as a carpeting or edging.

Monstrosa. A monster variety—the largest of all with flowers from 1 to 1½ inches in diameter, of deep rose-pink shade. Grand for the spring garden.

Pink Princess. Large flowers of a delicate pink shade.

Tubulosa. New and distinct. Double flowers of a peculiar quilled formation. Any of the above, 25c each; 65c for 3; \$2.50 per doz.

Troy, N. Y., Oct. 7, 1927.

"Plants arrived yesterday. Let me say that they are the finest lot of delphiniums I have yet received. Thank you so much."



The Graceful "Butterfly Bush" (Buddleia)

Buddleia Variabilis Veitchiana

Summer Lilac or Butterfly Bush 3-5 ft. August to October

In mild climates this is really a hardy shrub, but as our northern Winters usually kill it to the ground, it may be classed as herbaceous. I am including it among my Perennial Plants, and one of the best at that. There is no danger of winter killing it if it gets the usual protection of litter or leaves that all herbaceous plants need. Each Spring it throws out vigorous growths that develop all Summer to terminate in August and September in tapering spikes of a beautiful lavender-mauve shade. Give it plenty of room, for in itself it is a perfect model of exquisite form and color. If it does not die to the ground in Winter cut it back each Spring.

Price, Strong roots, each 75c; 3 for \$1.50

Chrysanthemum Maximum

Hardy Daisy 2-3 ft. June-August

King Edward VII. Pure white, one of the largest and best. Flowers of fine form. One can hardly plant too much of this most useful and beautiful flower. It thrives almost anywhere, and provides continuously, during its season, quantities of blooms for indoor decoration. Each, 35c; dozen \$3.50

Coreopsis

Tickseed 1 1/2 ft.

One of the most popular hardy plants. The flowers are a rich golden yellow of a beautiful graceful form and bloom from June to October. **Grandiflora.** 2 ft. Large orange-yellow flowers on long, graceful stems. About the best yellow cut-flower blooming incessantly.

Price, each 25c; 3 for 65c; dozen \$2.50

Newport, R. I., Oct. 24, 1927.

"I am glad to advise you that the plants ordered in Newport in excellent shape and were planted Saturday morning. Thank you for your attention to this matter, and for the good quality of the plants selected."

Campanula

(Bellflowers)

A very important class of plants, varying in height from 6 inches to 6 feet, all of extreme beauty and easy cultivation. They thrive in almost any garden soil, but do much better if placed in a well-drained, rather rich, sandy loam. The following are the best varieties.

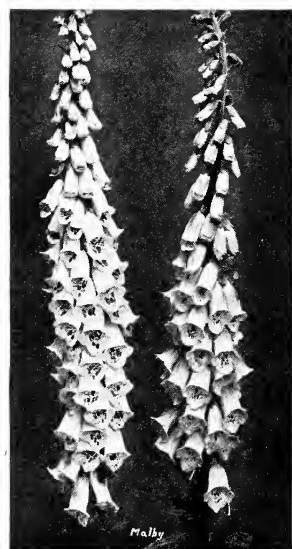
Carpatica. (True Harebell.) 9 in. July. Dwarf spikes of blue flowers. Excellent for edgings and massing. 35 cts. each; 85 cts. for 3.

Carpatica alba. 9 in. July. White form of the preceding. 35 cts. each; 85 cts. for 3.

Medium. (Canterbury Bells.) 2 ft. June, July. Old-fashioned, well-known flowers, yet indispensable in every hardy plant border. Offered in separate colors, Rose or Blue. 25 cts. each; 65 cts. for 3; \$2.50 per doz.



Campanula Carpatica



Digitalis (Foxglove)

Persicifolia alba. (Peach-leaved Bellflower.) 2 ft. July. Graceful spikes of white flowers; very hardy. 35 cts. each; 85 cts. for 3.

Pyramidalis. (Chimney Bellflower.) 5 to 6 ft. August, September. Throws up huge stems, covered three-quarters of their length with deep blue flowers. Exceedingly effective for the back row of a border. Try this with lavender delphiniums and *Lilium candidum*, giving it an early start in pots in a cold-frame. 40 cts. each; \$1 for 3.

Delphinium—See pp. 15 to 18.

Digitalis

(Foxglove) 3-4 ft. July-August

The tall flower-spikes of the foxglove are particularly handsome when grown among shrubbery or naturalized in odd places in bold masses. As a background for plants of dwarfer habit they are very attractive.

Pink, White, Purple and The Shirley.
Each 35c; dozen \$3.50

Danville, Illinois, May 11, 1927.

"My Delphiniums are in excellent condition and are growing tall and upright already."

Dianthus

(Hardy Pinks) June-October

A very interesting class of plants, with dainty flowers, characteristic of the kinds that really belong to old-fashioned gardens.

Deltoides (Maiden pink). Dwarf. Beautiful pink flowers, fine for edging.

Etoile de Lyon. New hardy crimson pink.

This variety is brilliant crimson, the first of this color in the true hardy Pinks. It grows about a foot high and produces masses of its richly colored, clove-scented flowers in May and June. Excellent for cutting.

Plumarius Semperflorens (18 in.) Very fragrant, pink and white. Fine for cutting.

Any of the above, each 25c; 3 for 65c;
doz. \$2.50



Geum

Geum

(Avens) 12-18 in. June-Sept.

A very desirable class for borders or Rock Garden. The flower spikes stand boldly over the rather prostrate, deep green foliage. Photo above shows a well established plant on a Rock nook.

Mrs. Bradshaw. Brilliant double orange-scarlet flowers; blooms fully throughout the summer, being especially desirable for cutting both for its attractive color and lasting qualities.

Price, each 35c; 3 for 85c;
dozen \$3.50

Lady Stratheden. New, fine double yellow of same type as Mrs. Bradshaw.
Each, 50c; dozen, \$5.00



A Typical Plant of Gypsophila Paniculata

Coming to!
**DUCKHAM'S
DEL-
PHINIUMS**
See pp. 15-18

"The light graceful sprays of Gypsophila Paniculata form an ideal companionship in bouquets of other cut flowers."

Brooklyn, N. Y., April 20, 1927.

"The Delphiniums, together with the rest of the order have been received, and are splendid plants. I am very well pleased with them."



How Can One Resist A Garden of Irises Like This?

Gypsophila Paniculata

(Baby's Breath)

2-3 ft. July-August

A very valuable perennial because of its light, graceful form and the charm it adds to mixed bouquets of other flowers. The blooms are small, borne in great quantities in loose white panicles. Will grow and thrive in almost any soil.

Price, each 35c; dozen \$3.75

Helenium

(Sneezewort)

3 to 4 ft. August, September

Showy autumn flowers of great value for garden display in bold masses, and effective when cut.

Riverton Beauty. Long stemmed, brownish crimson flowers; a very popular Autumn flower.

Riverton Gem. A great profusion of bronzy-orange flowers.

Either of the above, each 40c;
3 for \$1.00

**Helianthus decapetalus
multiflorus**

6 to 8 ft. June to Sept.

The flowers of this Hardy Sunflower are deep golden yellow and very attractive. 35 cts. each; 85 cts. for 3.

Hollyhock

(Althea Rosea)

6-8 ft. July-September

One of the best known of all hardy plants and a necessity in every old fashioned garden, where a place in the background should be assigned to it either in solid lines or frequent groups. My strain is indeed very wonderful, the flowers being extremely large, double and unique in color.

D U C K H A M ' S I M P R O V E D
S T R A I N in following colors:

Maroon, Yellow, Pink, Deep Rose,
White, Salmon, Crimson and Faust.

Price, each 35c; dozen \$3.75

Hardy Irises

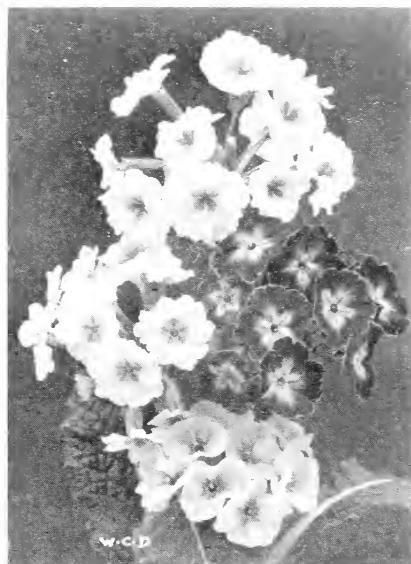
(Fleur-de-Lis) May-June

Irises are to be found even in the humblest garden, often without a sole companion. All are lovely and everybody loves them. They are easily grown and increase very rapidly. The colors cover almost every imaginable shade from white to violet, and the markings and veinings in the petals are truly exquisite. They like a well drained soil and plenty of sunlight, and when massed on the edge of the border or near the brinks of ponds or

(Continued on next page)

Dalton, Ga., May 20, 1927.

"Regarding plants received from you, would say I have had very wonderful Roses this Spring, and my Delphiniums are beautiful now."



Primula (Polyanthus)

er period and is ideal for cutting. The flowers are fiery scarlet, borne in immense clusters, each flower forming a distinct Maltese cross. Excellent for massing in borders and beds.

Chalcedonica alba. A white form of the preceding.

Either of above, 35 cts. each; \$3.75 per doz.

Myosotis

(Forget-me-not) 6-12 in. May

Alpestris, Royal Blue. The dainty Forget-me-not loves a cool moist soil, and like the pansy, blooms most freely in early spring, and quickly establishes itself by self-seeding. Royal Blue is a rich deep blue of remarkable free-flowering habit.

Price, each 25c; 3 for 65c; dozen \$2.50

Oenothera Glauca

(Evening Primrose) $\frac{1}{2}$ ft. June-August

Fraseri. This is a hardy perennial border plant of value, which grows to about 18 inches in height, and gives an abundance of beautiful yellow flowers.

Price, each 35c; dozen \$3.50

Primula polyanthus

(Primrose) 6 to 8 in. May, June

Gold-laced. Forms a beautiful rosette of large round leaves, and bears clusters of ruffled flowers of fine form and rich colors, all laced handsomely with gold.

25 cts. each; \$2.50 per doz.

General List of Perennials continued on page 19

Sacramento, Cal., Oct. 21, 1927.

"Our weather is just grand for Spring and Fall planting. Your Delphiniums are coming along wonderfully and the blooms have been exquisite."

IRISES—Continued

streams the effect is remarkable. I offer them in 5 separate shades assorted from the better named varieties.

Light Blue and Lavender

Deep Blue and Violet

Bronze shades

Yellow shades

White and light shades

Price, 3 for 65c; dozen, \$2.50;

100, \$15.00

(Maltese Cross)

Lychnis

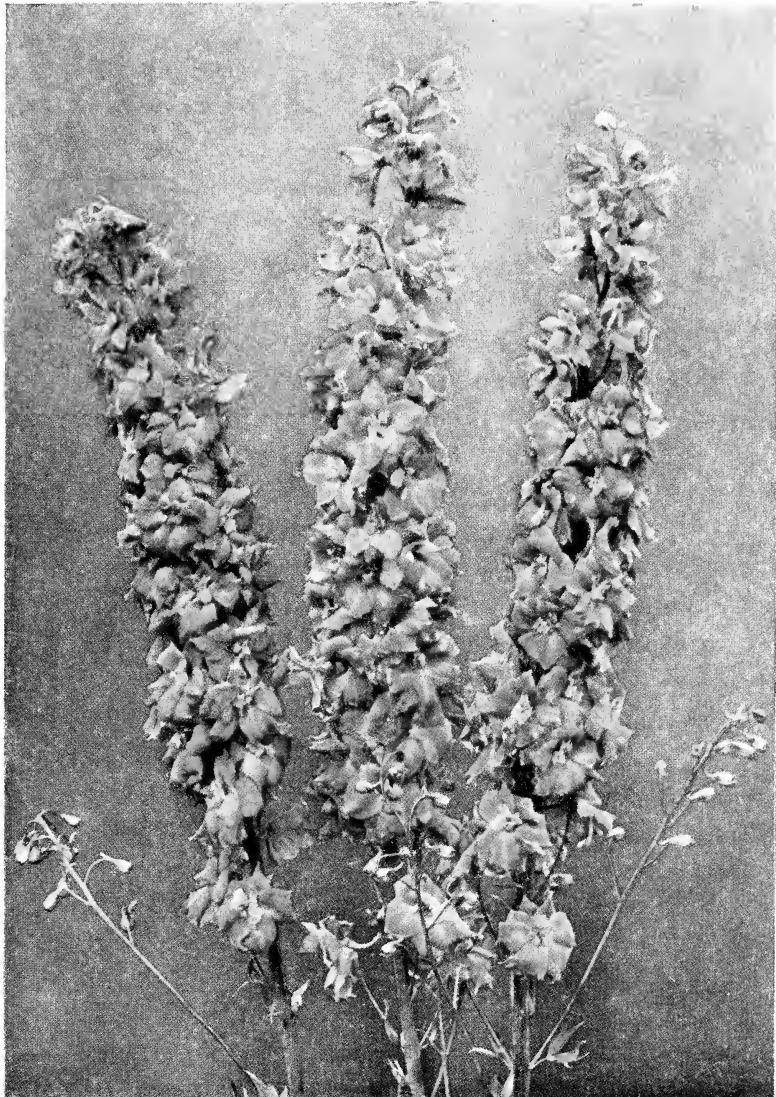
2 to 3 ft. June to August

Chalcedonica. (Jerusalem Cross.) This is a very desirable perennial to plant in liberal masses. Because of its extreme brilliancy, there are few other flowers that can so effectively produce those bright spots in a border, that contrast so wonderfully with blues, whites, and dark reds. It has a long flow-

ering period and is ideal for cutting. The flowers are fiery scarlet, borne in

immense clusters, each flower forming a distinct Maltese cross. Excellent

for massing in borders and beds.



Duckham's DELPHINIUMS

*"Prized and Praised
Everywhere"*



Special Medal from
Westchester Hort. Soc. 1927

GLORIOUS DELPHINIUMS

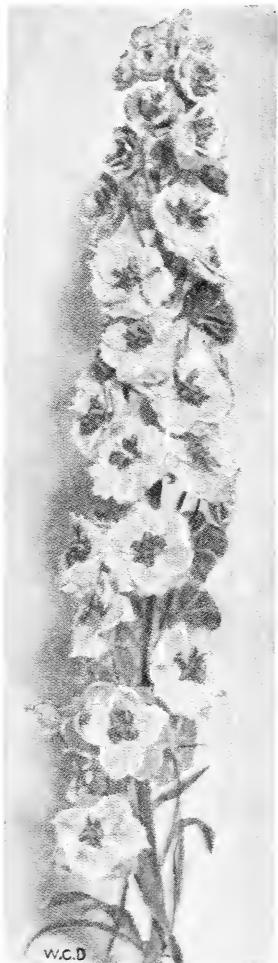
*"The most talked of in
the land"*

NOW GROWING IN THE BETTER
AMERICAN GARDENS FROM
'FRISCO TO MAINE.

IT IS seven years since I first introduced these treasures of English Origin to the American gardening public. It was at the great New York Spring Flower Show of 1923, when a few specially forced plants for the occasion, first drew the attention and admiration of a great flower-loving throng, causing them to gasp in joyous amazement at the wonderful coloring and fine formation of the flowers.

It was the first time that anyone had attempted to force Hybrid Delphiniums (Larkspurs) into bloom for show purposes (March 18th or 20th), but it afforded me the only opportunity of demonstrating to the patrons of this greatest of all American Flower Shows, the unusual merits of these hybrids, and though they do not attain their maximum height and vigor when forced in this manner, everyone who saw them unanimously agreed that nothing so beautiful and wonderful had ever been their good fortune to behold, a verdict which was appropriately backed up by the Horticultural Committee in awarding them a Special Medal.

Since that occasion, my Delphiniums have secured noteworthy recognition from judges at shows all over the country, while professional



Duckham Hybrid, Mauve
and Blue (Semi-Double)

gardeners, landscape architects and critical amateurs, being quick to grasp their true worth, immediately replaced their old types with "Duckham Strains." In every state in the Union, my Delphiniums now form conspicuous colonies in the gardens of estates famed for their beauty.

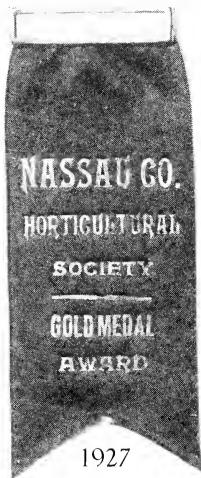


GOLD MEDAL

*A special award from N. Y.
Hort. Soc. International Show,
Spring 1927*

Bloomfield, N. J., Sept. 22, 1927.

"Saw your marvelous Delphiniums at the Englewood Show, and simply must have a few clumps of those beauties."



It is possible that those who bought from me in these early years, could duplicate their orders now, yet not receive one that is identical with any of those—my first releases. I am continuously in touch with my original English sources, importing seed saved from their latest selections, and consequently the strains I am now distributing show many novel shades and forms that are decided improvements.

The spikes are of huge proportions, standing five and six feet high on "walking cane" stems. Some of these are broad at the base tapering to a fine point. Others are columnar, like five or six hyacinth spikes joined end to end. Again some spikes are compact, with the individual florets touching and overlapping, while others have a more open formation, so graceful in the estimation of connoisseurs.

The flowers are quite double in some spikes, showing distinctly two rows of petals, —others are semi-double, while there are quite a number of the single-flowered sorts also, exhibiting special individual charms.

The colors cover the complete range from deepest Indigo Blue and Violet to the faintest Lavenders, Mauves and Peach-cheek hues, almost bordering on true pink. And the flowers are not confined to one or two shades. We find deep blue with white and a brown "bee" (center of flower); violet purple, purple and light blue with black "bee"; lavender, pink, light blue and yellow "bee" and a host of other four-tone effects, all in the one flower.

Such combinations are unusual; it is such combinations that have made my Delphiniums famous—unusually famous,—it is such combinations that have pronounced them "**Wonders of the Wily Ways of Wizards**" in plant hybridization.

(See prices on next page.)



*Duckham Hybrid, Plum-purple
(Semi-double)*

Atlanta, Georgia, April 26, 1927.

"Your Delphinium Plants are simply wonderful and I must have some of these beautiful blooms in my garden."



Duckham Hybrid, Compact
Tapering Spike (Sky-blue)

*"A gracious award by Ameri-
can Aristocrats to English Aris-
tocrats."*

Newport R. I., 1927.

Duckham's Un-named Mixed Hybrids

I am offering now, for spring or fall delivery, picked types and colors (selected from the above during the growing season of 1927) which I have named as:

SUPER-HYBRIDS: Price Each
\$2.50; \$5.00 and \$7.50.

REGULAR GRADE: Price, per
dozen \$11.00; per 100 \$85.00.

All the above are field grown clumps,
thoroughly acclimated, hardy and will bloom
profusely this year.

Duckham's Delphiniums
in famous Gardens



Gardens of Saml. Untermyer, Esq.
"Greystone," Tarrytown, N. Y.

These wonderful Hybrids have been distributed now to all parts of America, and can be seen in the grounds of leading Estate Owners and Nurserymen who desired to improve their stocks. These ladies and gentlemen openly expressed their admiration and amazement at the wonderful size and exceptional beauty in color and formation of my blooms—buying them unstintedly by the hundred, and many, by the thousand plants.



*Rockville Center, L. I., April 2, 1927.
"I have had your Delphiniums for the past two years, and they certainly have
been a great joy."*

Papaver Orientale

(Oriental Poppy)

The old oriental poppy is a well-known favorite and has no equal for brilliancy of color. This variety is of recent introduction and will be prized by those who desire something different and better than the ordinary crimson and scarlet shades. The color is a bright salmon-orange with the usual purple and black basal blotch. A striking contrast when fully open.

Price, each 75c; 3 for \$2.00;
doz. \$7.50

Pansy

(Heartsease) 6 in. April-October

My strain of Pansies is well known, for I have taken no end of pains to develop it by careful "rogueing" each year, to eliminate everything that does not conform to my idea of Pansy perfection both in form, size and color. Visitors at my trial grounds proclaim it the best they have seen.

International Prize Blue. International Prize Show. International Prize Mixed.
Price, Per 100, \$10.00; per dozen, \$1.50



Papaver Orientale

Platycodon

(Chinese Balloon Flower) 18 in. June-October

Grandiflora. Derives its synonym from the resemblance of the distended bud to a miniature balloon, which when open has the form of a Campanula. It is an extremely handsome border plant with deep blue flowers of lasting qualities either on the plant or when cut.

Price, each 35c; 3 for 85c; dozen \$3.00

Phlox divaricata

12 in. May to July

Laphami. A delightful variety of the well-known Wild Blue Phlox, with flowers of richer blue, produced over a long season. Delightful either in border or rockery.

Price, each 50c; doz. \$5.00

Phlox suffruticosa

2 to 3 ft. June, July

Miss Lingard. A charming snowy white variety, bearing immense heads of bloom earlier than the Decussata sorts. Invaluable for an edging to the tall delphiniums and looks handsome in front of an evergreen border.

Price, each 35c; doz. \$3.50

North Wilkesboro, N. C., June 15, 1927.

"Last year I ordered and received from you some Elizabeth Campbell Phlox plants. I was very much pleased upon receipt of plants, as they were nice specimens, and in good condition, doing well after being planted."



A fine border of Hardy Phlox,—an all-summer delight

Phlox Decussata

(Perennial Phlox) 3 ft. June-October

Perennial Phlox succeed in almost any soil enriched with manure in Spring, and in hot weather an occasional soaking of water. If the first spikes of bloom are removed as soon as over, they will produce a second supply of flowers, continuing the display until late in Autumn. These later blooms are often finer than the first.

Elizabeth Campbell. I have an exceedingly fine healthy stock of this scarce but extremely popular variety. There is probably no better variety grown, and nothing that resembles it in color—a lovely salmon-pink with lighter edges and deep rosy red eye. The individual flowers are large, borne in immense trusses.

Price, each 50c; doz. \$5.00

Jean d'Arc. This is about the best of the White Phloxes, with its tremendous spikes of snow-white trusses; blooms in late season.

Price, each 35c; doz. \$3.50

Rheinlander. Flowers large, of a lovely salmon-pink shade, borne in large compact trusses.

Price, each 35c; doz. \$3.50

Thor. Ground color of salmon, suffused orange-scarlet, with a lighter margin around the eye. Very beautiful.

Price, each 35c; doz. \$3.50

Physalis francheti

(Chinese Lantern Plant)

A hardy perennial forming dense bushes about 2 feet high, producing quantities of bright, orange-scarlet, lantern-like fruits which are splendid for winter decorative use.

Price, each 35c; doz. \$3.50

Grand Rapids, Mich., April 26, 1927.

"I received my Phlox Laphami in fine condition. They certainly look like good, healthy plants."

Rudbeckia

(Cone Flower) 3 ft. July-October

Purpurea. Also called Echinacea Purpurea. Peculiar reddish purple flowers with a very large brown, cone-shaped center. Thrives in ordinary garden soil.
Price, each 35c; 3 for 85c; doz. \$3.50

Salvia

(Sage) 2-3 ft. July-October

Farinacea. This beautiful Salvia is worthy of a prominent position in every herbaceous border. Although it is of tender constitution, it will withstand the severe winters prevalent in the Eastern States, with ordinary winter protection. The plant grows vigorously and produces its flowers in profuse spikes, the color being a delightful shade of pale blue.

Price, each 40c; doz. \$3.75

Statice

(Sea Lavender) 18 in. July-August

Latifolia. Plants with prostrate leathery leaves and immense candelabra-like heads. Very valuable either for the border or rockery. Minute purplish blue flowers in large sprays frequently 2 feet across. If cut and dried, lasts in perfect condition for months.
Price, each 35c; 3 for 85c

Sedum

18 in. August-October

Spectabile. A very valuable hardy plant and deserves liberal planting along the edges of Hardy Borders. It has thick succulent green leaves surmounted by huge flowering heads of thickly-clustered minute pink flowers.

Price, each 35c; doz. \$3.75

Sweet William

(Dianthus barbatus)

18 in. June-July

An old-fashioned hardy perennial which should not be left out of the list of beautifully colored, sweet-scented old-fashioned flowers.

Scarlet Beauty—Brilliant Scarlet.

Pink **Variegated**
Dark Red **Red and White**

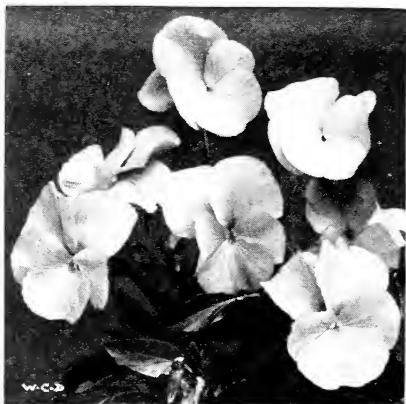
Price, Any of the above,
each 30c; 3 for 65c; doz. \$2.50



Sedum Spectabile

Louisville, Kentucky, Sept. 15, 1927.

"I bought some Delphiniums from you in March. They were beautiful."



Viola Cornuta

Viola

(Tufted or Bedding Pansies)

These splendid little hardy plants are much prized for their quaint little flowers, peculiarly striped, each self-color having a delightful charm of its own. They increase rapidly, and soon form large colonies covered with their dainty blooms. They prefer a semi-shaded position and a little protection in winter. They make excellent edgings and borders, either in the herbaceous border or around shrubberies.

Golden Yellow, White, Purple, International Prize (Mixed).

Price, Any of the above,
each 35c; 6 for \$2.00; doz. \$3.50

Veronica

(Speedwell)

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

Price, each 35c; doz. \$3.50

Jersey Gem. A specially selected beautiful violet-blue variety which blooms unceasingly all season. A rare and choice sort.

Price, each 50c; doz. \$5.00

DUCKHAM'S READY-MADE PERENNIAL BORDER, \$15

BECAUSE of their infinite variety and the great variation in the usefulness and season of blooming, many otherwise competent gardeners and flower-lovers are bewildered when they come to select the proper perennials for their garden.

To enable them to obtain the best effects, as well as to relieve very busy people from the task of making selections, I will make up a group of 50 Hardy Perennials of the finest types, in lots of 5 of each kind, enough for an adequate representation of each variety and to make a splendid little garden.

From such a charming little garden as this can be cut splendid flowers for house or table decoration from June until late autumn, and the best of it is that it will require very little attention aside from occasional cultivation and weeding. The plants will increase in size and strength each year and may eventually be divided and so extend the supply.

These 50 plants, 5 of each kind, all properly labeled so that the descriptions of them may be located in this catalogue, will be sent for \$15.

Jeannette, Pa., Aug. 9, 1927.

"The plants that I received from you last fall are doing wonderfully well, and especially the Delphiniums have been more than pleasing."

Hardy Ever-blooming GARDEN ROSES



A well planned Rose Garden—Plenty of bloom by massed planting of a limited number of varieties.

Special Offer of Best Twelve Hardy Garden Roses

(For descriptions see body of catalog)

To give Rose lovers an opportunity of having the finest roses in their gardens, I have selected the following as what I consider the 12 finest Roses in America today. All hardy, ever-blooming 2-year field-grown stock, grafted on the famous **Multi-flora Briar**.

KAI SERIN A. VICTORIA
GENERAL McARTHUR
KILLARNEY QUEEN
CLAUDIUS PERNET
LOS ANGELES
MME. BUTTERFLY

J. J. L. MOCK
MRS. AARON WARD
RADIANCE
RED RADIANCE
DUCHESS OF WELLINGTON
MME. ED. HERRIOT

Price The above twelve fine Roses, carefully labeled and packed sent *prepaid* within 200 miles of Madison, N. J., for **\$10**

Brooklyn, N. Y., June 27, 1927.

"All of the Rose bushes are leafing, and some are blossoming lovely."

SELECTED EVERBLOOMING ROSES

ABBREVIATIONS: T., Tea; HT., Hybrid Tea; HP., Hybrid Perpetual.

"My Field Rose Plants" are American-grown, well ripened, 2 year-old bushes, worked on the Multiflora stock, known for its thorough hardiness and its ravenous feeding propensities, whereby it produces vigorous well-branched bushes and enormous flowers.

All roses listed in this catalogue, unless otherwise noted, are \$1.00 each; \$10.00 a dozen; \$75.00 per hundred.

Betty. HT. I think this Rose has the loveliest buds of any variety. I have ever seen. They are long, tapering, with exquisitely curled petals, tinted with soft shades of pinkish buff and copper. The open flower is very large and fluffy, almost creamy white, sprinkled over with a sheen of pale gold.



Betty

Double White Killarney. HT. I like this Rose for its slender, symmetrical buds and its delicately folded and curled snowy white flowers. One of the very few good white Roses because it blooms well and is not too tall. It has all the beauties of the famous Killarney race, with the added attraction of a most desirable and rare color.

Duchess of Wellington. HT. For a long time I regarded this as the best yellow Rose in the world. First place must now be given to Souvenir de Claudio Pernet, but the old Duchess still has prettier buds and larger flowers. It grows well, too, after it is once established, and is far too valuable to discard for many years.

Francis Scott Key. HT. If I only got one flower a year from this rose, I should feel well repaid. The flowers are extremely large and solid, with an almost unbelievable number of beautifully curled petals, and at its best the color is clear, sparkling crimson-scarlet, with rich velvety shades. It is not so good in hot or damp weather because the many petals wither in the heat or become waterlogged, but in cool, dry spells in autumn it is simply superb.

Westhampton Beach, L. I., April 21, 1927.

"The Roses purchased of you last year were very fine stock, and I trust these now ordered will prove the same."

Frau Karl Druschki. HP. The only thing that distinguishes this famous Rose from the Hybrid Tea class is its great stature. It will make a tremendous bush and needs rather severe pruning to keep it under control in small space. The enormous buds are pinkish but the giant flowers are pure paper-white, and delightfully shaped. It blooms steadily throughout the season, and we call it the best of all white Roses.

General MacArthur. HT. Bright crimson buds, developing into moderately large, bright crimson-scarlet flowers; of fine form and delightful fragrance. An upright grower, branched and produces its flowers freely through summer and fall. Its color is more brilliant and lasting in a cool situation and as summer wanes. Fine for cutting.

Gruss an Teplitz. HT. This is everybody's favorite among red Roses. It makes a big bush, often growing 4 to 5 feet tall, and bears hundreds of medium-sized, glowing crimson flowers in nodding clusters all summer long. It makes a gorgeous background for the lower-growing sorts and is simply magnificent as a permanent, ever-blooming hedge.

Henry Ford. HT. Medium-sized buds and flowers of very lasting yellow, edged in the early stages with salmon-orange, becoming lemon-yellow as they open. They are slightly fragrant and borne in sprays and clusters of great decorative value. The plant is bushy and rather tall, blooming constantly in great abundance. **Each \$1.50; doz. \$16.50.**

H. V. Machin. HT. A sturdy, stocky bush, with flowers borne on the top of rigid stems in the manner of the best Hybrid Perpetuals. The blooms are large, well-formed, and glowing scarlet-red.



Henry Ford

Jonkheer J. L. Mock. HT. A supremely beautiful flower of gigantic size and perfect shape, with a brilliant, unexpected contrast of two tones of pink. The outside of the petals is dark, glowing carmine, and the inside shining, silvery pink. It is fragrant and its stems are long and strong.

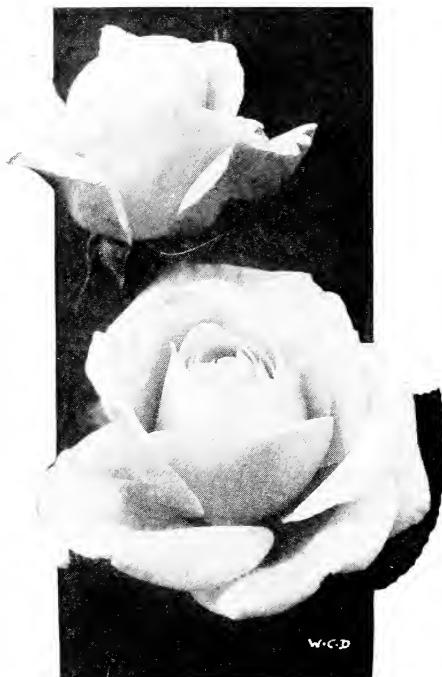
Kaiserin Auguste Viktoria. For many years this old Rose has been regarded the most beautiful and perfect of all varieties in shape and the most distinct in color. It is pure snowy white, showing a tint of lemon-yellow in the heart of its many folded petals.

Killarney Queen. Years ago, the famous old Killarney was the finest that money could buy, but it did not have enough petals to satisfy everyone. This descendant of it has a richer and more brilliant pink color than Killarney, and more petals, but it has the same charming shape. I like it.

Mount Vernon, N. Y., April 20, 1927.

"Last year I received a half dozen Roses from you. They are very hardy and bloomed wonderfully well."

HARDY EVERBLOOMING ROSES—Continued



Lady Ashtown

Lady Ashtown. HT. Not just another pink Rose, but decidedly a pink Rose with a great deal of character. The petals are definitely reflexed and pointed and the center rises in the way of the best exhibition bloom. With its handsome flowers, good growth, and excellent blooming qualities it stands high in the rank of dependable Roses.

Los Angeles. HT. Color, form, and fragrance are the notable virtues of this Rose. It has a flaming golden pink tint unequaled by any other, and an exquisite shape and perfume that are difficult to match.

Matchless. HT. Bud very large, long-pointed. The deep cerise-pink flower is immense, very double, with intensely strong fragrance, lasting well, and comes singly on long, strong stem. Foliage abundant and large. Growth vigorously bushy. **Each \$1.50; doz. \$16.50.**

Miss Lolita Armour. HT. If you can imagine a combination of copper and cream, with only the slightest trace of yellow, the tints of this Rose may be realized. The flowers are very double, globular, and nod on the tips of long, slender stems.

Mme. Butterfly. HT. A very dainty Rose of pale pink and gold which is delicately and superbly finished in all respects. I believe that Mme. Butterfly is almost the ideal garden Rose.

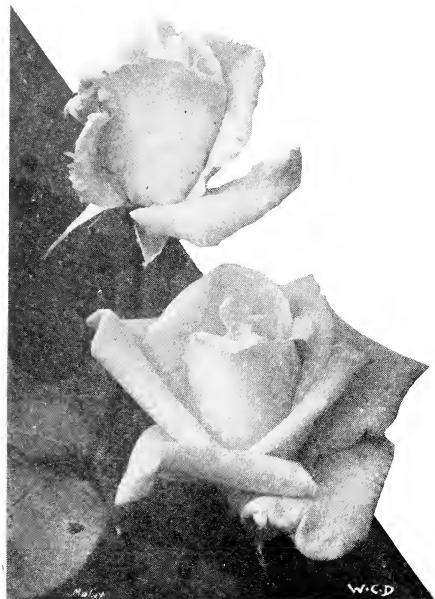


Matchless

Lykens, Pa., June 2nd, 1927.

"Just a line to advise you that I received the Delphiniums in fine condition."

HARDY EVERBLOOMING GARDEN ROSES, continued



Radiance

Mme. Edouard Herriot. HT. Few flowers of any kind can equal the gorgeous color of this Rose. The buds are burning red and copper, and the open flowers brilliant orange-pink, with an immense golden center. Of the Roses in this new color, few have ever approached this variety in dependability and beauty of flower. I think it is one of the very best of its type.

Mrs. Aaron Ward. HT. Everybody likes this little flower, which nestles on such a vigorous little bush. The buds are golden buff and fawn, opening to very double flowers of palest pink and white, suffused with yellow and cream. The foliage is like holly.

Mrs. F. R. Pierson. HT. As a commercial or garden red Rose, Mrs. F. R. Pierson has never been equalled. It can be grown to larger size than American Beauty, even at its best. It has an equally large flower, better

color, with fine, heavy dark foliage, strong stems, and very fragrant. It is a color hard to describe, cardinal-red, or as described by New York experts, "a crimson Rose flooded with sunshine." The buds are long and pointed, of ideal shape and form. **Each \$1.50; doz. \$16.50.**

Padre. HT. For sheer brilliance, Padre is the prize-winner. The flowers are large, freely produced on rather tall, slender plants which should be planted in closely spaced masses. They are fiery copper-red, paling with age to glowing orange-pink, and make an unforgettable show. One of the best new Roses of its color. **\$1.50 each; \$16.50 per doz.**

Premier. HT. The florists have sold this Rose in their shops for many years, and it has always been a popular favorite. The flowers are large, dark rose-pink, and borne on good strong stems.

Radiance. HT. Of all Roses, probably this is the most popular in the country. The flowers are round and cuplike, sometimes with a sort of balloon center, and of bright, shining pink contrasted with a lighter, silvery sheen. The plant is very strong and blooms with the utmost freedom.

Red Radiance. HT. A sort very similar to Radiance in all respects except its splendid, light red color. The two belong together in big masses where they will furnish bright color and good flowers for cutting all summer long.

Rev. F. Page-Roberts. HT. A magnificent Rose which has created a sensation everywhere. The flowers are gigantic, glowing golden yellow, with a coppery red sheen spread over the outside of the petals giving them an indescribably rich and sumptuous effect. It blooms best and the flowers are handsomest in the autumn. **\$2.00 each.**

HARDY EVERBLOOMING GARDEN ROSES, continued

Roselandia (W. Stevens, 1924.) A sport from the popular variety Golden Ophelia, over which it is an improvement not only in color but in its remarkable free-flowering habit. It is a golden-orange suffused with a lustrous glow of apricot in the heart and at the base of the petals, frequently tinted red on the reverse of the outer petals; the buds are long pointed, of superb build and substance, and very sweetly scented. \$1.50 each; doz. \$16.50.

Souvenir de Claudius Pernet. HT. For years I had despaired of ever seeing a good, pure yellow, hardy garden Rose, but this is it. Naturally it is not perfect, but it is a splendid variety with exquisite, golden yellow buds and fine open flowers. The foliage is healthy, and it blooms very freely. A bed of it is a splendid sight. \$1.50 each; \$16.50 per doz.

Sunburst. HT. A pretty Rose of golden yellow and brownish buff. The plant is not very strong, but the flowers are lovely.



STANDARDS OR TREE ROSES

The beautiful standard Roses are made by budding the ordinary dwarf Roses on tall Rose-stems 3 feet or more above the ground, developing round, bushy heads which display their flowers at the level of the eyes where they are most effective.

They are exceedingly rare in America and require considerable care to grow them well. They should be planted in carefully prepared ground and be copiously fed with liquid manure throughout the summer, and most carefully protected in the winter.

At the time of planting, a strong stake should be set to each plant, and the stem tied firmly to it, especially at the top to prevent it from swaying and loosening itself in the ground. It is best to set the stake on the south side of the plant.

Plant them at salient points in the garden, in the centers of wide beds, in a circle about a pool, along walks to give a formal avenue effect, or let them stand, sentinel-like, at the entrance to the garden.

Carpet the ground under them with lower Roses or with small bedding plants, such as violas or pinks. They repay good care.

This season I can offer the following varieties which are described on the preceding pages.

Betty.

Kaiserin Auguste Viktoria.

Mme. Butterfly.

Mme. Caroline Testout.

Radiance.

Red Radiance.

Souvenir de Claudius Pernet.

Lady Ashtown.

Lady Hillingdon.

Crimson Queen. HT. A charming cup-shaped Rose of glowing crimson which produces its beautiful flowers freely and constantly.

My plants are carefully grown on good straight stems. \$3.50 each; \$30 for 10

Allendale, N. J., June 3, 1927.

"My roses are beautiful, and my delphiniums have large buds. I am very happy over them."

CLIMBING ROSES



What more beautiful screen for objectionable buildings or service yard than Climbing Roses?

Anyone with a square yard of ground at his disposal can have one splendid Climbing Rose upon it; and it is doubtful if he could put the ground to any better use.

They are so various, these Climbing Roses, both in their unparalleled beauty and their easy adaptability to many situations and uses. Use them for covering or screening objectionable objects. Use them for decorative arches, or to cover summer-houses or garden seats. Use them on a trellis at the porch, or trained about an entry or a window. Let them clamber along a fence or twine about a pergola, or even make a hedge of them by tying in and clipping back the branches.

Best of all, perhaps, is to grow them as pillars, which takes the least space; and anyone who likes Roses will want to crowd as many of them as he can into his garden. To make a pillar, plant a stout, slender post with the Rose and train the plant straight up to the top, or wind it about the support, keeping it cut off at the top, and the stray shoots tied in or cut off. The second season after planting, the pillar will be a mass of flowers from top to bottom and an object of admiration and delight to everybody.

West Concord, N. H., June 27, 1927.

"My Paul's Scarlet Climbers and Emily Gray are doing fine. Also, wish to say the Delphiniums I purchased from you a year ago were the loveliest I had ever seen. I had twelve plants and the colors were wonderful. I had never seen such large flowers before on any Delphiniums. The Dicentra and Gaillardia are also doing fine."

CHOICE HARDY CLIMBING ROSES

Price, \$1.00 each; \$10.00 per dozen; \$75.00 per 100

American Pillar. Unlimited in its vigor, this splendid climber will ascend to 20 feet or more, throwing out long stems with enormous sprays of hundreds of large, single, brilliant pink flowers, lit in the centers with large white eyes and great clusters of golden stamens. Abroad, American Pillar has taken first place as the favorite Climbing Rose, and in this country its popularity has no end.

Dorothy Perkins. One of the first of the modern Climbing Roses, famous and beautiful old Dorothy is still among the best. Very vigorous in growth, with lovely waxy foliage and great clusters of frilly, shell-pink flowers, tiny but exquisitely shaped, it has a place in the affections of every flower-lover that nothing else can fill. Unequalled for covering arches, trellises, and summer-houses, and useful wherever a rapid-growing screen or cover is needed.

Dr. W. Van Fleet. In spite of the wonderful advances made in the Climbing Roses in recent years, none has yet surpassed this strong-growing old favorite which produces large flowers, similar to the finest Hybrid Teas, in hundreds on its tremendously vigorous canes. The flowers are of the palest possible shade of flesh-pink, with a slightly darker center, and they are likely to acquire deeper color late in the season, as it blooms over a long period and frequently throws a few flowers in late summer and fall. Unquestionably it is the most popular Climbing Rose in the country today.

Emily Gray. This is the long-wanted, golden yellow Climbing Rose, with large, beautifully formed flowers and handsome, shining foliage. It is a

wonderful and almost unbelievable sight when in full bloom, and people invariably go into ecstasies over it. Unfortunately, it requires winter protection in cold climates, but if it is grown as a pillar it can be easily wrapped with burlap or covered with a few boughs to shelter it through coldest seasons.

Excelsa. When Crimson Rambler was so much over-planted that it became a nuisance, Excelsa stepped in to replace it with giant clusters of less harshly covered flowers and a more pliant and more adaptable manner of growth. It is easily the best red Climbing Rose of the cluster-flowered type and is strongly recommended.

Gardenia. Belonging to a group of climbers with larger flowers than any of the foregoing, and of a soft, dainty yellow color in bud and early opened flower, Gardenia has long held first place among the yellow Climbing Roses. It is very vigorous and its foliage is particularly fine.

Paul's Scarlet Climber. Not so vigorous as the other climbers, this striking Rose is ideal for growing as a pillar over which it will hang its clusters of large, well-formed shining scarlet flowers in greatest profusion. One of the most spectacular of Roses, it is becoming widely known and tremendously popular.

Mary Wallace. Queen of the large-flowered, pink clusters, Mary Wallace is regarded as the best of its class. The blooms are very large, cup-like, glowing pink, with a golden undertone, and are borne in clusters at the ends of long stems which are superb for cutting. It is hardy and grows most vigorously.



Paul's Scarlet Climber

CLIMBING ROSES—Continued

Silver Moon. Tremendous vigor and splendid polished foliage characterize this Rose, even without the splendor of its tapering golden white buds and its magnificent, semi-double, saucer-like flowers of purest white, illumined at the center with a giant frill of golden stamens. It is not so hardy as the others, and in the extreme North it should have some protection in winter. It is worth it.

Planting and Pruning Roses

Planting

To be successful in growing roses, next to securing good stock is the preparation of the soil. I would advise having the beds or ground where the roses are to be planted thoroughly prepared well in advance of planting time. The preparation of the soil is a simple operation by digging a foot or eighteen inches deep, thoroughly mixing in at the time of digging, plenty of well rotted manure. The addition of a little ground bone will be found beneficial. After the hole is dug, it is advisable to repeat the operation, for then you are sure that the manure is thoroughly mixed with the soil.

New York, N. Y., April 24, 1927.

"Your Plants have proved very satisfactory, and have given me much happiness."

PLANTING AND PRUNING ROSES—Continued

Immediately upon receipt of your rose plants unpack them in a cool and shady place, sprinkling them with water. If your beds have previously been prepared the sooner the roses are planted in their permanent positions the better. If, however, this has not already been done it is advisable to "heel in" the rose bushes temporarily until they can be placed in their permanent positions. In planting, care should be exercised to make the hole larger than the root-diameter. Fill in with rather fine soil about the roots, using great care to make the soil very firm about them. After planting, thoroughly soak the soil with water to depth that it has been dug. Should the season be any way dry give thorough soakings at least once a week. After the roses are growing well a mulch consisting of straw-manure or decayed leaves over the ground prevents them from drying out too rapidly and keeps the soil in a much better and humid condition.

Pruning Next in importance to the selection of locality, and the careful preparation of the ground is the pruning of roses; in fact I consider pruning exceedingly important, because without it, you can never get vigorous growth and large blooms.

Visit the garden of any successful amateur rose grower during the latter end of February or early March and note the appearance of the bushes. If it should be a new planting of 2-year bushes the pruned stubs will be scarcely discernible peeping over the litter of manure covering the bed. Older bushes will have all the old wood cut away and the previous year's green growths cut back to within 2 or 3 eyes of the hard wood. Such an inspection will teach more than I can put in pages, and a few minutes' talk with the owner or gardener will indelibly impress upon your mind the object and importance of pruning. Most amateurs are afraid to use the knife or shears vigorously, and many of the fairer sex class an expert operator among criminals.

A conception of the principle of pruning may be gathered by comparing the sap in a rose shoot to a slowly moving river; it continues its tranquil course along the lines of least resistance. Cutting this shoot or damming the river creates an accumulation of energy at that point that eventually overflows with extraordinary force, bursting forth into as many shoots or rivulets as are necessary to carry off this surplus sap or water. Hence we get 3 or 4 vigorous growths, each carrying a flower on a long strong stem, from the sap that would otherwise have wasted its energy in nourishing one old worn out shoot. Pruning should be done in February or early March. Cut away all old wood (always particularly noticeable in the Rambler class), shorten all the young growths to from 2 to 3 eyes. Don't be as severe with those of vigorous constitution as those of more stunted growth. By careful observation and a little practice you will soon become an adept at getting the best out of your roses.

Business Terms and Shipping Instructions

To insure early deliveries of Roses and Hardy Plants, and to avoid disappointments, it is necessary to order early.

Payments. Cash or satisfactory references required from all correspondents unknown to me.

Plants by Parcel Post. If to be sent by parcel post, and postage as follows: Single plants, 5 cts.; 3 plants, 10 cts.; 6 plants, 15 cts.; 12 plants, 25 cts. I accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express. I recommend this mode of transit for more than 18 or 24 plants. All orders are carefully packed by expert hands, but I accept no responsibility for delays over which I have no control that may cause injury to the contents. I can make no adjustments unless complaints are made within five days after receipt of goods. Always state how you wish your order shipped, express or parcel post.

Responsibility. Although exercising the utmost care in packing and routing orders, I cannot be responsible for damage due to the negligence or rough

handling of common carriers. If the container appears damaged on arrival, sign for it as damaged and make claim on the express company. If considerable delay in transit would indicate fatal damage to contents, refuse delivery.

I GUARANTEE MY STOCK TO BE EXTRA STRONG, BUT ASSUME NO RESPONSIBILITY AFTER SHIPMENT HAS BEEN MADE. I ALSO WISH TO EMPHASIZE THE FACT THAT ALL ROSES AND PLANTS I SEND OUT ARE VIGOROUS, HEALTHY AND TRUE TO NAME.

All shipments should be opened and unpacked immediately on arrival; if dry, the plants should be watered and planted as soon as possible.

Substitution. In ordering, kindly give a second choice if possible, as many varieties are sold out as the planting season progresses.

In the event that I should be sold out of any variety ordered, I will substitute the nearest variety of equally good stock and similar color, unless the order is marked "No Substitution."

ORDER TO

WILLIAM C. DUCKHAM
MADISON, NEW JERSEY

Date _____

Your Name _____
Very Plain

Please do not write here

Post Office _____ P. O. Box _____

County _____ State _____

Street No. _____ Forward by _____
Mail, Express or Freight

Amount Enclosed: Cash, - - - - \$ _____ Money Order, \$ _____

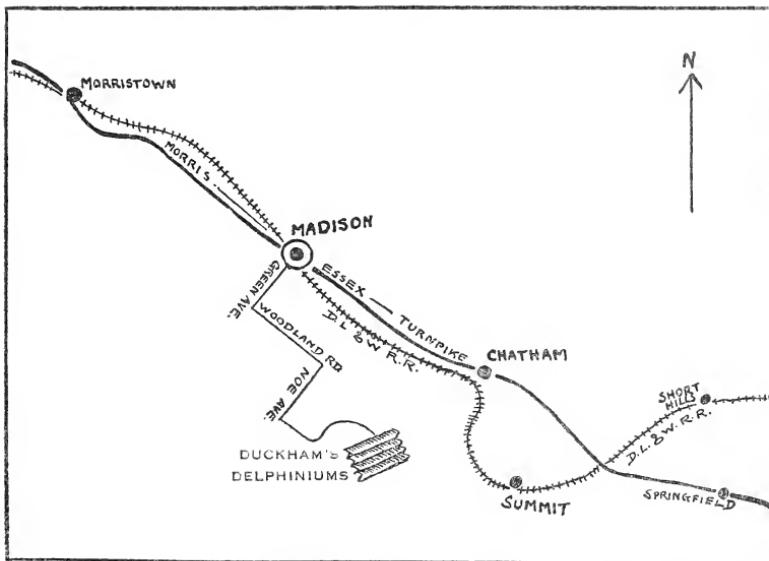
Postage Stamps, \$ _____ Draft or Check, \$ _____
State how much money you enclose

QUANTITY	NAMES OF ARTICLES	Dollars	Cents

IN MAKING YOUR ORDER, PLEASE GIVE THE PRICE, TO AVOID DELAY AND ERRORS

QUANTITY	NAMES OF ARTICLES	Dollars	Cents
	<i>Brought forward</i>		
		<i>Total</i>	

IN MAKING YOUR ORDER, PLEASE GIVE THE PRICE, TO AVOID DELAY AND ERRORS



The above map shows location of Duckham's Greenhouses and Trial Grounds, situated on Noe Avenue, Madison, N. J. An invitation is extended to all my friends to visit my grounds during the summer months, when Delphiniums and other hardy plants are in bloom.

